

## APPARATUS AND METHOD FOR RADIO PROGRAM GUIDE CAPABILITY IN A DIGITAL RADIO SYSTEM

### ABSTRACT OF THE DISCLOSURE

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In a digital radio receiver, at least one receiver train demodulates signal from a transmitter to which the receiver is tuned. The signal includes two data streams, typically a program stream and an information stream. The processor separates the two data streams and typically applies the program data stream to an output unit such as a speaker. The processor analyses the information stream and, when appropriate, stores the information stream. The information stream can be used to provide program information or information of importance to the user. A second receiver train can be used by the radio to scan the signals from other transmitters. The information from the other transmitters can be used to identify possible alternatives to the present programming or to automatically apply different program material to the speaker.

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